

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39055CX1	SERIAL NO. TBD 10/674381
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HASEGAWA, et al.	
		FILING DATE October 1, 2003	EXPECTED GROUP 1756

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
SPM	AA 4,684,971	8/4/87	Payne	—	—	
SPM	AB 5,376,483	12/27/94	Rolfson	—	—	
SPM	AC 5,378,585	1/3/95	Watanabe	—	—	
SPM	AD 5,389,474	2/14/95	Iguchi, et al.	—	—	
SPM	AE 5,418,092	5/23/95	Okamoto	—	—	
SPM	AF 5,556,724	9/17/96	Tarumoto, et al.	—	—	
SPM	AG 5,741,613	4/21/98	Moon et al.	—	—	
SPM	AH 5,989,760	11/23/99	Mangat, et al.	—	—	
SPH	AI 5,948,572	9/7/99	Liu, et al.	—	—	
SEM	AJ 5,637,425	6/10/97	Lee, et al.	—	—	
SPW	AK 6,192,100	2/20/01	Acosta, et al.	—	—	
SEM	AL 6,165,650	12-26-00	Williams	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
SPM	AM 5-142757	6-11-93	Japan	—	—	X	
SPM	AN 5-210231	8-20-93	Japan	—	—	X	
SPM	AO 6-83025	3-25-94	Japan	—	—	X	
SPM	AP 9-211837	8-15-97	Japan	—	—	X	
SPM	AQ 5-289307	11/5/93	Japan	—	—	X	
SPM	AR 56-30129	3/26/81	Japan	—	—	X	
SPM	AS 5922050	2/5/84	Japan	—	—	X	
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
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	AZ	
Examiner	Mohamed Jila	Date Considered 1/16/05

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39055CX1	SERIAL NO. 16/674381 TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HASEGAWA, et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
SPN	AD	6-347994	12-22-94	Japan	—	X	
SPN	AE	9-80741	3-28-97	Japan	—	X	
SPN	AF	9-211837	8-15-97	Japan	—	X	
SPN	AG	2-1850	1-8-90	Japan	—	X	
SPN	AH	2-96159	4-6-90	Japan	—	X	
SPN	AI	2-247647	10-3-90	Japan	—	X	
SPN	AJ	3-274551	12-5-91	Japan	—	X	
SPN	AK	4-269749	9-25-92	Japan	—	X	
SPN	AL	5-232675	9-10-93	Japan	—	X	
SPN	AM	5-297564	11-12-93	Japan	—	X	
SPN	AN	6-19107	1-28-94	Japan	—	X	
SPN	AO	11-15131	1-22-99	Japan	—	X	
SPN	AP	11-133588	5-21-99	Japan	—	X	
SPN	AQ	11-143053	5-28-99	Japan	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner	Mohamedulla
Date Considered	1/16/05

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39055CX1	SERIAL NO. TBD 101674201
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HASEGAWA, et al.	
		FILING DATE October 1, 2003	GROUP 1756

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
SPN	AA 3,942,981	3-9-76	Sato	—	—	
SPN	AB 4,242,438	12-30-80	Sato	—	—	
SPN	AC 4,405,701	9-20-83	Banks, et al.	—	—	
SPN	AD 5,250,983	1-5-93	Yamamura	—	—	
SPN	AE 5,262,257	11-16-93	Fukuda, et al.	—	—	
SPN	AF 5,324,600	6-28-94	Jinbo, et al.	—	—	
SPN	AG 5,366,913	11-22-94	Nakao	—	—	
SPN	AH 5,419,872	5-30-95	Kawaguchi, et al.	—	—	
SPN	AI 5,552,250	9-3-96	Nozue	—	—	
SPN	AJ 5,629,113	5-13-97	Watanabe	—	—	
SPN	AK 5,725,973	3-10-98	Han, et al.	—	—	
SPN	AL 5,881,125	3-9-99	Dao	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract/ Translation	
						Yes	No
SPN	AM 62-31855	2-10-87	Japan	—	—	X	
SPN	AN 63-71853	4-1-88	Japan	—	—	X	
SPN	AO 63-80258	4-11-88	Japan	—	—	X	
SPN	AP 1-102567	4-20-89	Japan	—	—	X	
SPN	AQ 2-47655	2-16-90	Japan	—	—	X	
SPN	AR 3-45950	2-27-91	Japan	—	—	X	
SPN	AS 4-58245	2-25-92	Japan	—	—	X	
SPN	AT 5-232674	9-10-93	Japan	—	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
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Examiner	Mohamedulla	Date Considered 11/16/05

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO.	SERIAL NO.
		501.39055CX1	1867438 TBD
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	
		APPLICANT	
		HASEGAWA, et al.	
		FILING DATE	GROUP
		October 1, 2003	1756

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract/Translation	
						Yes	No
SK	AM	4-33043	3-18-92	Japan			X
SK	AN	63-303356	12-9-88	Japan			X
SK	AO	7-325383	12-12-95	Japan			X
SK	AP	7-219203	8-18-95	Japan			X
SK	AQ	10-69054	3-10-98	Japan			X
SK	AR	9-43831	2-14-97	Japan			X
SK	AS	62-85254	4-18-97	Japan			X
SK	AT	53-106574	9-16-78	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
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Examiner	Mohamedolla	
	Date Considered 1/1/05	

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39055CX1	SERIAL NO. TBD (967438)
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HASEGAWA, et al.	
		FILING DATE October 1, 2003	EXPECTED GROUP 1756

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
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	AF					
	AG					
	AH					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
AM	9-36016	2-7-97	Japan	—	—		X
AN	5-289307	11-5-93	Japan	—	—	X	
AO	5-181257	7-23-93	Japan	—	—	X	
AP	9-15830	1-17-97	Japan	—	—	X	
AQ	4-136854	5-11-92	Japan	—	—	X	
AR	3-214160	9-19-91	Japan	—	—	X	

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Mohamedulla

1/16/05